

ABSTRACT OF THE DISCLOSURE

A controller system for a bathing installation such as a spa is disclosed. The system distributes line voltage from a line voltage service to one or more line voltage loads and controls operation of a service system for the bathing installation. The system includes a housing structure, with a controller printed circuit board mounted within the housing. The board includes a plurality of line voltage output terminals for connection to respective line voltage loads via line voltage wiring connections, a set of circuit board line voltage contact surfaces, a plurality of circuit conductors for providing circuit connections between the contact surfaces and respective ones of the line voltage output surfaces. The controller circuit board assembly routes line voltage from the circuit board line voltage contact surfaces to the output terminals.